

# EAST Search History

Ref #	Hits	Search Query	Dbs	Default Operator	Plurals	Time Stamp
L1	17	"6697665"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/28 07:20
L2	0	"07644202"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/28 07:21
L3	0	("7644202"),PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/28 07:21
L4	131	reval.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/28 07:27
L5	100	"6027890"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/28 07:29
L6	0	(measure or detect sense) near5 (infrared or raman) and sample near5 laser desorption	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 07:34
L7	4	(measure or detect or sense) near5 (infrared or raman) and sample near5 laser desorption	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 07:36
L8	0	436/181.000.cds.	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 07:36
L9	0	436/181.000.cds.	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 07:37
L10	447	436/181.cds.	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 07:37

# EAST Search History

L11	375	110 and @pd<"20040331"	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 07:38
L12	43	111 and laser	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 08:14
L13	3464	250/288.cds. or 250/287.cds. or 73/864. 81.cds. or 250/288A.cds.	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 08:15
L14	2257	113 and @pd<"20040331"	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 08:15
L15	266	114 and (method and sample introduction)	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 08:16
L16	54	114 and (method and sample introduction) and (infrared or IR or "I.R." or Raman)	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 08:27
L17	202	nuclear and method and (vaporize or desorption or breaddown) and analyte. dm.	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 08:28

### EAST Search History

L18	63	I17 and @pd<"2004031"	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 08:38
L19	17	I18 and (thermal desorber or oven)	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 08:38
L26	8	"5742050"	US-PCPUB; USPAT; USOCR	ADJ	ON	2007/06/28 10:17
L27	7	"5416322"	US-PCPUB; USPAT; USOCR	ADJ	ON	2007/06/28 09:01
L28	0	(filter and absorbent trap and quick connect).dm.	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:19
L29	0	filter and absorbent trap and quick connect.dn.	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:19
L30	0	(filter or membrane or sample collector or sample assembly) and absorbent trap and quick connect.dn.	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:19
L31	0	(filter or membrane or sample collector or sample assembly) and absorbent trap and quick connect.dn.	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:23

### EAST Search History

L32	2222054	filter or membrane or sample collector or sample assembly and absorbent trap and quick connect.dn.	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:20
L33	1803	sample collector or sample assembly and absorbent trap and quick connect.dn.	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:21
L34	0	I33 and (absorbent trap with quick connect)	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:23
L35	0	I33 and (absorbent trap with swagelok)	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:21
L36	0	I33 and (absorbent trap with quick release)	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:21
L37	0	I33 and (absorbent trap with quick disconnect)	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:22
L38	0	absorbent trap with (swagelok or quick connect or quick release or quick disconnect)	US-PCPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:23

### EAST Search History

L39	1	D3 and (absorbent trap with quick connect)	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:23
L40	1	absorbent trap with (swagelock or quick connect or quick release or quick disconnect)	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:23
L41	9728	(filter or membrane or sample collector or sample assembly or absorbent trap or trap) and (swagelock or quick release or quick disconnect or quick connect)	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:24
L42	1220	(filter or membrane or sample collector or sample assembly or absorbent trap or trap) with (swagelock or quick release or quick disconnect or quick connect)	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:25
L43	964	M2 and @pd<"20040331"	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:29
L44	1	M3 and laser rear (ablation or desorption or vaporization)	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/28 10:30
S1	28	"S328517"	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 11:21

### EAST Search History

S2	2	"20050037513" AI	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 11:46
S3	1	(apparatus or device) and laser and vaporize and analyze ion trap	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 11:48
S4	1	("20020165961"), PM.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/27 11:50
S5	9	mirror and lens and laser and (vaporize or descript) and analyze and absorbent trap and gas	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 12:02
S6	22643	(portable or field) and mass spectrometer	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 12:02
S7	993	S6 and mirror and lens	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 12:02
S8	993	S6 and (mirror and lens)	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 12:02
S9	550	S8 and @pd<"20040331"	US-PGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 12:03

## EAST Search History

S10	398	S9 and laser	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 12:03
S11	124	S10 and trap	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 12:04
S12	13681	quick disconnect	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 12:04
S13	784	S12 and trap	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 12:04
S14	8	S13 and mass spectrometer	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 12:04
S15	24	(*306342*   *3074276*   *3091967*   *3684660*   *3748905*   *3897688*   *3970428*   *4192176*   *4220414*   *4426214*   *4909090*   *5071771*   *5243865*   *5333511*   *5425263*   *5476794*   *5517866*   *5571976*   *5741984*   *5823592*), PN.	US-AGPUB; USPAT; USOCR	ADJ	ON	2007/06/27 12:10
S16	8	*5742050*	US-AGPUB; USPAT; USOCR	ADJ	ON	2007/06/27 13:39
S17	0	gas chromatograph and quick disconnect trap	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 13:59

## EAST Search History

S18	2	*20020182128*	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:00
S19	4	quick connect and infrared spectrometer	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:01
S20	201	absorbent trap	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:03
S21	1795209	absorbent trap or filter	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:03
S22	179031	S21 and (gas chromatograph or infrared spectrometer or GC or "G.C." or "I.R." or IR or NMR)	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:05
S23	127	S22 and quick connect	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:05
S24	0	S23 and quick connect trap	US-AGPUB; USPAT; USOCR; PPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:05

# EAST Search History

S25	1	S23 and quick connect near/20 trap	US-PGPUB; USPAT; USOCR; PPRS; ERO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:07
S26	27	quick connect near/20 trap	US-PGPUB; USPAT; USOCR; PPRS; ERO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:14
S27	0	quick connect near/20 absorbent trap	US-PGPUB; USPAT; USOCR; PPRS; ERO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:07
S28	0	quick connect near/20 absorbent trap	US-PGPUB; USPAT; USOCR; PPRS; ERO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:07
S29	0	(quick connector detach\$) near/20 trap	US-PGPUB; USPAT; USOCR; PPRS; ERO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/27 14:26
S30	11	((("2991158") or ("4201550") or ("5037518") or ("5153673") or ("5294797") or ("5317932") or ("5342494") or ("5373156") or ("5398559") or ("5442968"))),PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/28 07:17